

Andree Greenberg - Re: FW: Redwood City Salt Plant

From: Andree Greenberg
To: jwood@prbo.org; Lynne Stenzel
Date: 7/18/2011 2:48 PM
Subject: Re: FW: Redwood City Salt Plant
CC: Brian Wines; Gary Page; Keith Lichten; Matt Leddy; Shin-Roei Lee
Attachments: RedwoodCityPlantSum.docx;
RedwPlantPRBOMap9092.pdf;
RedwSaltPlantSum.xlsx

Hello Lynne & Julian,

Thank you, again, for sending me the PRBO analysis of bird use at the Redwood City Salt Plant. Would it be alright for me to pass it along to Mike Josselyn of WRA who is analyzing the biological data for Cargill and DMB, and to David Smith of DMB, and Barbara Ransom of Cargill? I think it would be helpful for everyone to see the same data sets and analyses. If I don't hear back from you by 7/27/11, I will assume it is okay to forward your data to the project applicants, so please let me know if there is any problem with that.

Your bottom line conclusion below is quite interesting, namely that, despite the high variability of the data, comparing the current data with the past does not rule out the fact that the pond data you analyzed shows the ponds may support substantial birds and sometimes even more than the median 16,000 shorebirds that have been seen in the past.

Your analysis is quite helpful. Please send me any other analyses you conduct for PRBO on the Redwood City Salt Plant site.

Thank you,
Andree Greenberg

Andree Greenberg
Senior Environmental Scientist
Regional Water Board
1515 Clay Street, Suite 1400
Oakland, CA 94612

Phone: 510-622-2324

Email: AGreenberg@waterboards.ca.gov>>> Julian Wood <jwood@prbo.org> Friday, July 15, 2011 3:23 PM >>>

Hi Andree, Lynne tried to send you this summary of Redwood City salt pond bird numbers but her email got bounced back. Please let me know if you have any questions and let us know if this is helpful.

Cheers,

Julian

Julian Wood
Office: (707) 781-2555 x313
Cell: (415) 717-8248

From: Lynne Stenzel
Sent: Friday, July 15, 2011 2:59 PM
To: AGreenberg@waterboards.ca.gov
Cc: Julian Wood; Gary Page; mtleddy@sbcglobal.net; Catherine Hickey; Matthew Reiter
Subject: Redwood City Salt Plant

Hello Andree,

Julian had a look at the summary of shorebird data I put together from the aerial data, 1990-92 PRBO Flyway data, 2006-08 SFBay data, and Matt Leddy's surveys and we agreed we should get to you what I've done to date as this is much later than intended. (I'm cc'ing Matt Leddy also so he can be sure the interpretation of his data doesn't seem off to him). Unfortunately, it was very hard to compare the various data sets for a variety of reasons, including the fact that I think Pond 10 has been reduced in size due to the Marina to the NE (see attached pdf map, corner of Westpoint Slough), which looks like it was put in since 1992, and internal access to the plant has not been permitted since 1992 (we didn't have it for the spring of fall counts of 1988-1992 either). I'm also sending you the 1990-92 PRBO data from the ponds so you can work with them also. I created some auxiliary data sets as other worksheets in the excel file that might be useful to you. Julian and I are both going away (separately) next week so questions will have to wait till the following week.

Bottom line is that numbers were so variable previously that a comparison with the current data do not suggest that the plant doesn't still support substantial numbers of birds and may even occasionally hold the more than the 16K \pm shorebirds that were detected on a couple of occasions in the past. Because observers currently do not have good viewing access to the pond, the possibility of substantial numbers of shorebirds being missed is very high. On the back of one of the recent census forms (2006 or 2007) the observer noted that he detected a large flock of sandpipers in the central ponds only because a Peregrine Falcon happened to fly over while he was counting.

I hope this is helpful to you.

Best,
Lynne

Lynne Stenzel, Pacific Coast & Central Valley Group

PRBO Conservation Science
3820 Cypress Drive, Suite 11, Petaluma, CA 94954
mail to PRBO Wetlands Center
P. O. Box 69, Bolinas, CA 94924
415-868-0371 ext. 303
www.prbo.org | Please follow PRBO on [Facebook](#)

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